

Data File : VV011078.D
Acq On : 28 May 2019 22:12
Operator : SY/MD
Sample : K3016-06
Misc : 4.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C5

Quant Time: May 29 02:20:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	404297	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	347148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118263	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	144050	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
7) Chloroethane-d5	1.56	69	109328	27.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.52%
10) 1,1-Dichloroethene-d2	2.02	63	295	0.03	ug/L	-0.11
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	3.93	46	126803	66.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.74%
24) Chloroform-d	4.40	84	267663	27.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.08	65	176001	28.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.32%
29) Benzene-d6	5.09	84	595739	29.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.24%
33) 1,2-Dichloropropane-d6	6.12	67	197726	30.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.28%#
37) Toluene-d8	7.36	98	523503	27.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.76%
38) trans-1,3-Dichloropropene-	7.66	79	84409	28.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.08%
39) 2-Hexanone-d5	8.13	63	99747	70.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.60%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	162721	29.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	119695	25.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.36%

Target Compounds

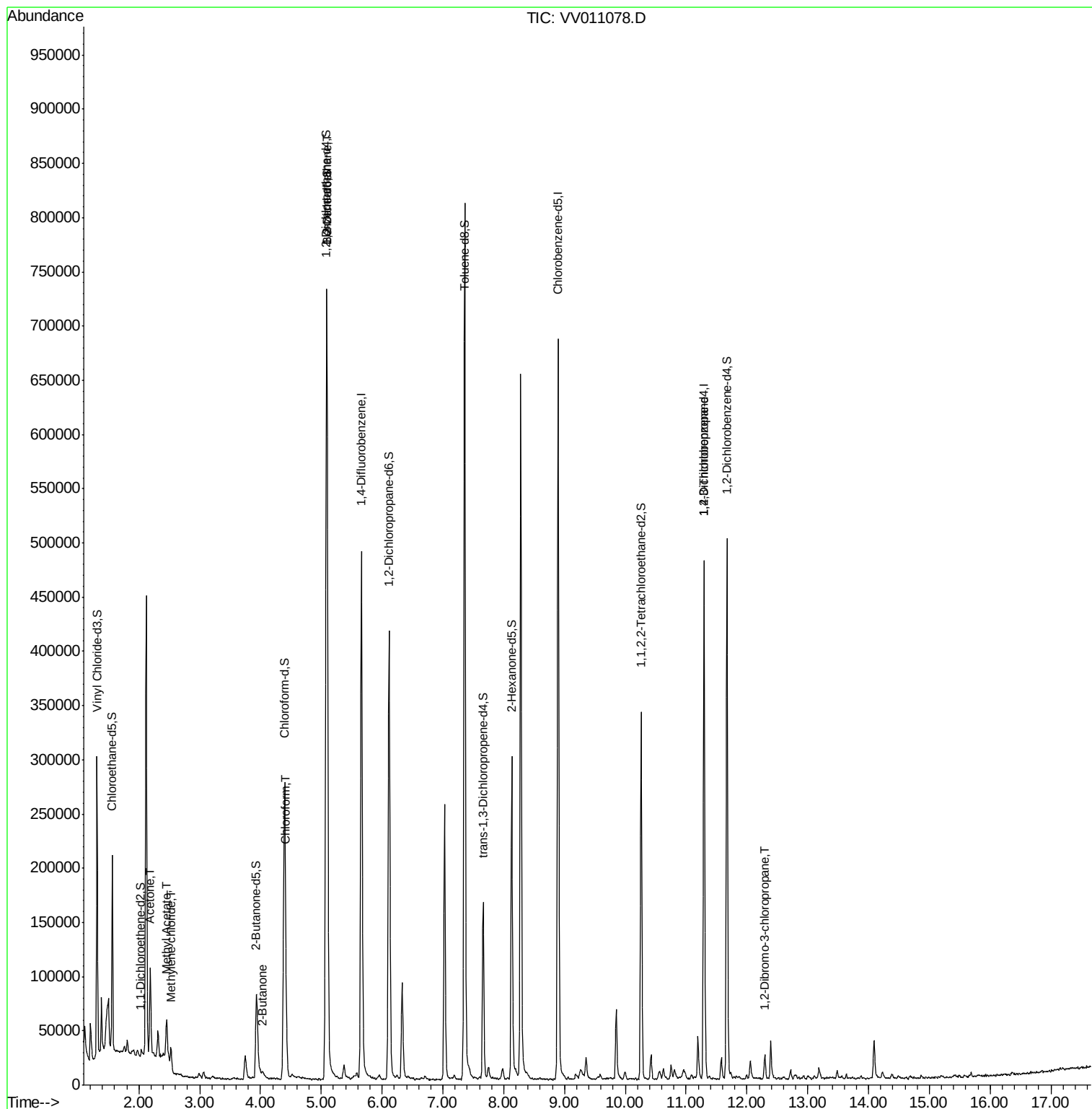
					Qvalue
13) Acetone	2.19	43	75576	34.920 ug/L	99
15) Methyl Acetate	2.46	43	39965	12.793 ug/L #	100
16) Methylene chloride	2.53	84	8297	1.404 ug/L	90
21) 2-Butanone	4.03	43	6566	2.464 ug/L	88
25) Chloroform	4.42	83	22577	1.981 ug/L	88
27) 1,2-Dichloroethane	5.09	62	3974	0.535 ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	17152	4.109 ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.30	75	1006	1.356 ug/L #	6

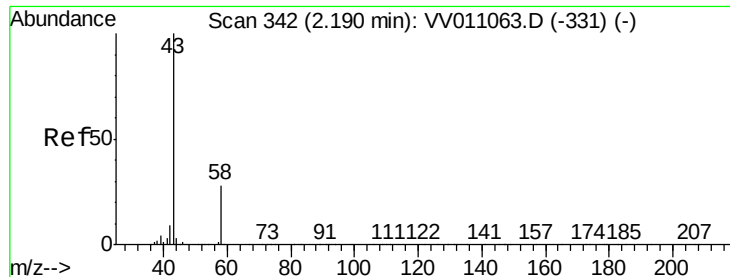
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.920 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Acq: 28 May 2019 22:12

Instrument :

MSVOA_V

ClientSampled :

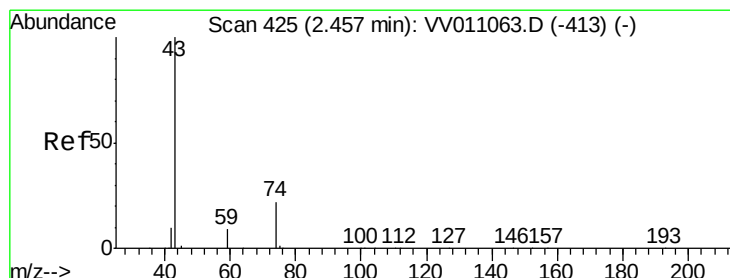
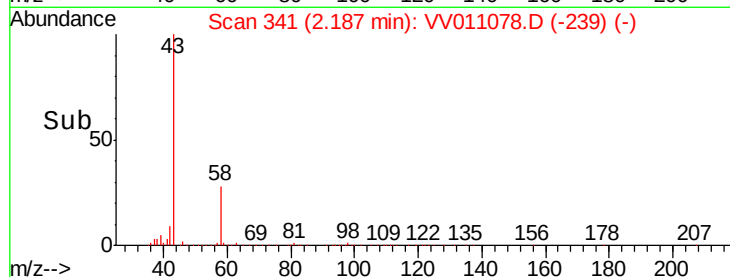
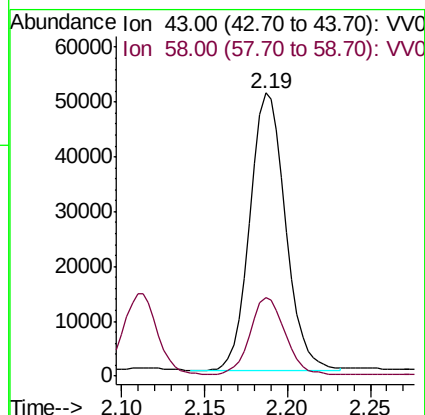
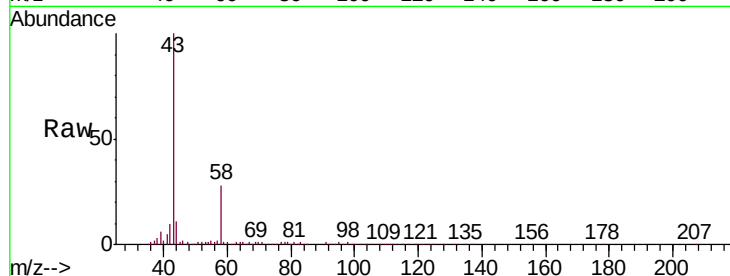
A51C5

Tgt Ion: 43 Resp: 75576

Ion Ratio Lower Upper

43 100

58 27.1 0.0 54.8



#15

Methyl Acetate

Concen: 12.793 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.00 min

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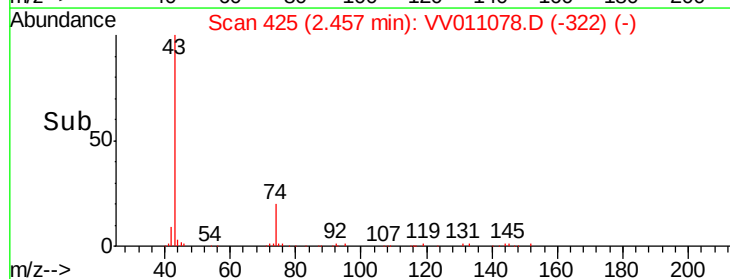
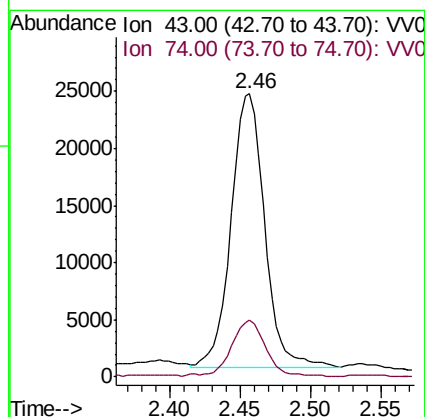
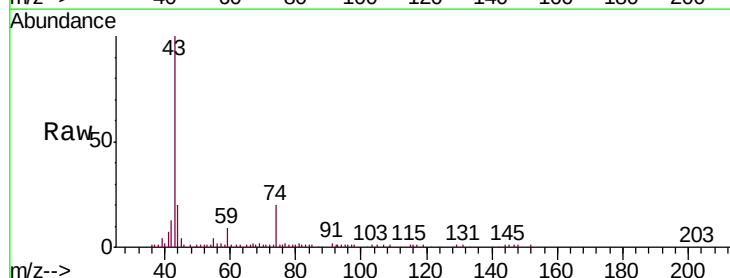
Acq: 28 May 2019 22:12

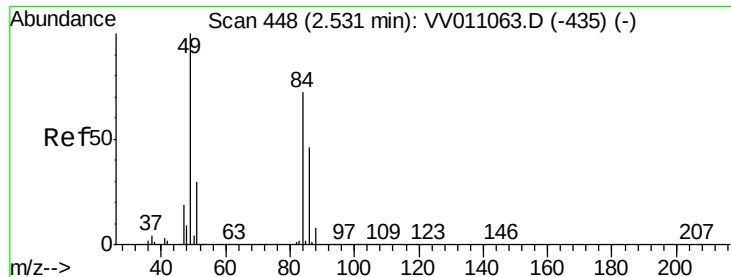
Tgt Ion: 43 Resp: 39965

Ion Ratio Lower Upper

43 100

74 20.1 0.0 0.0#

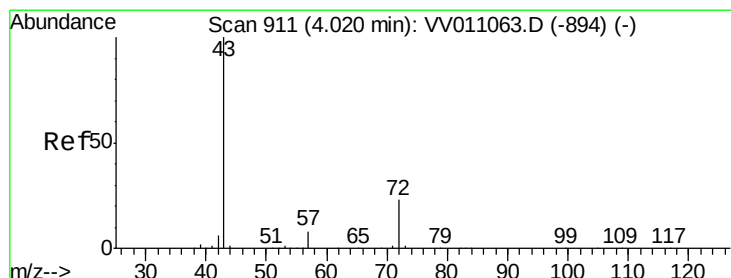
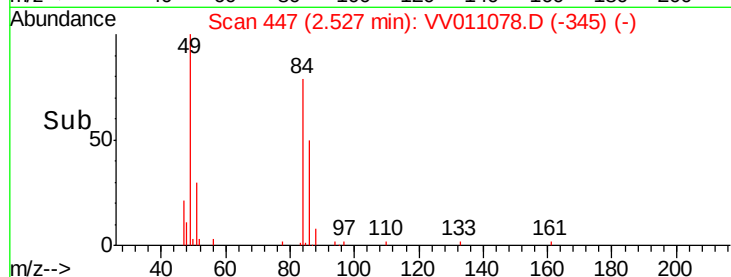
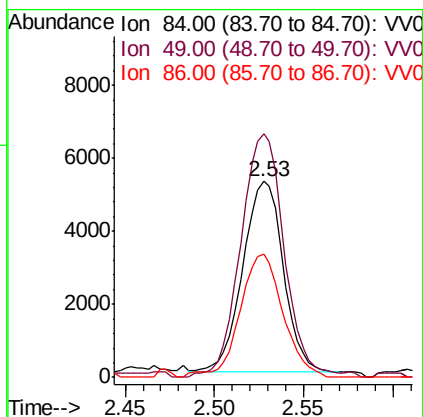
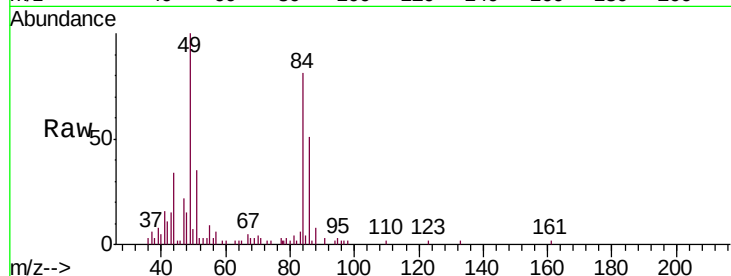




#16
Methylene chloride
Concen: 1.404 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011078.D
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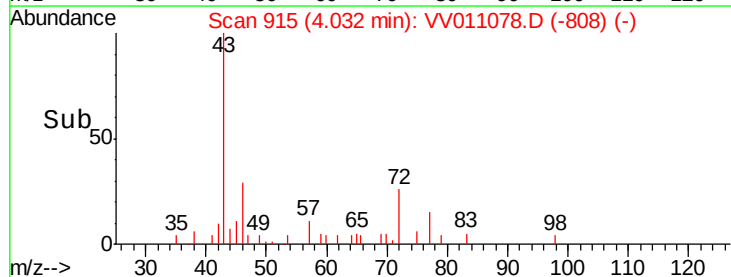
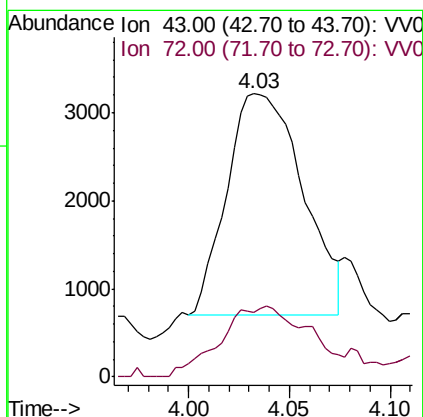
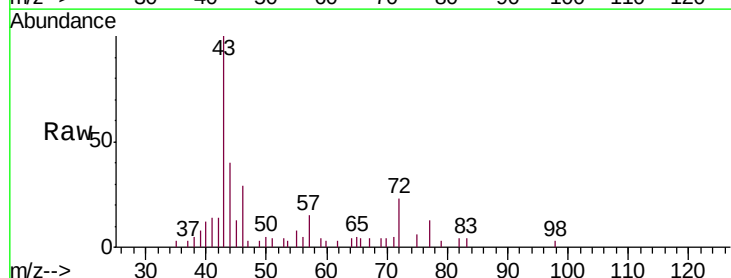
Instrument :
MSVOA_V
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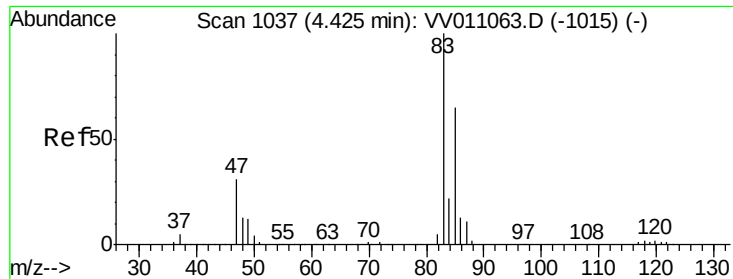
Tgt Ion: 84 Resp: 8297
Ion Ratio Lower Upper
84 100
49 124.1 98.0 182.0
86 63.0 45.4 84.4



#21
2-Butanone
Concen: 2.464 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.01 min
Lab File: VV011078.D
Acq: 28 May 2019 22:12

Tgt Ion: 43 Resp: 6566
Ion Ratio Lower Upper
43 100
72 15.5 10.7 31.9

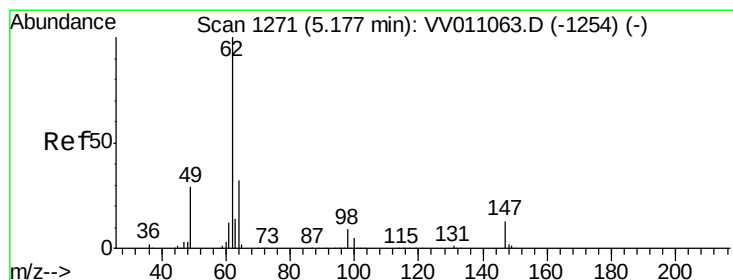
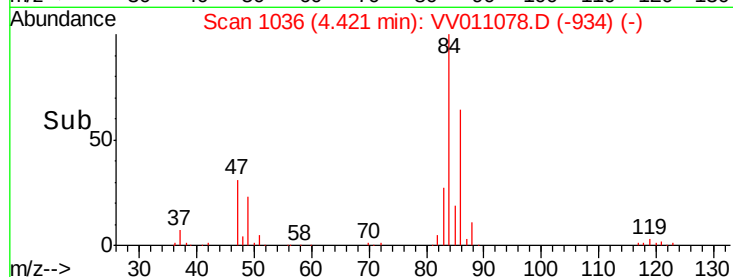
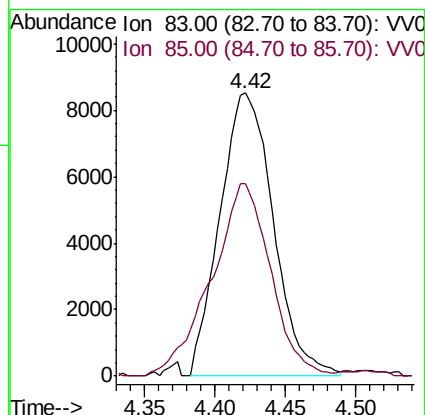
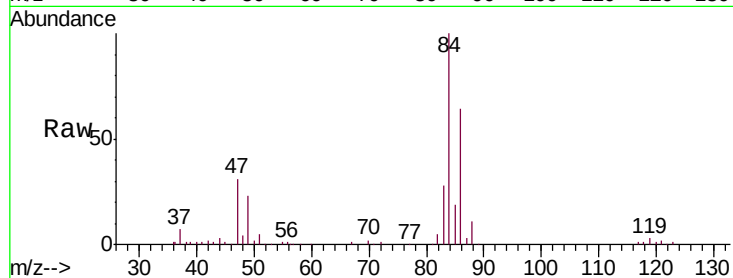




#25
Chloroform
Concen: 1.981 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011078.D
Acq: 28 May 2019 22:12

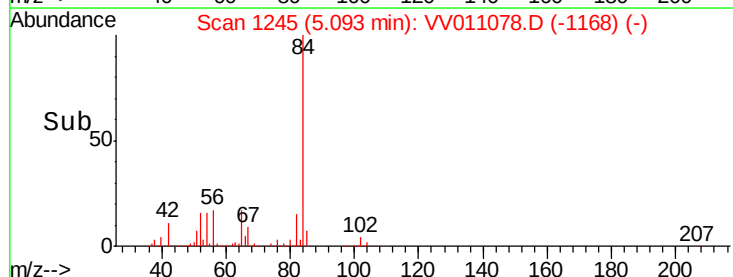
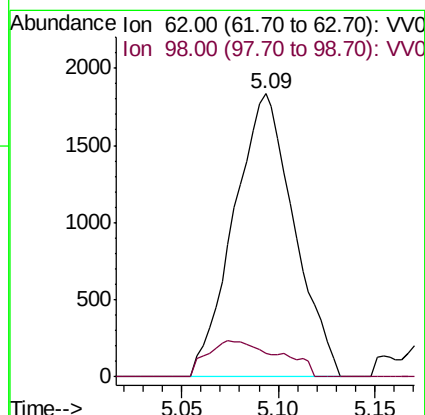
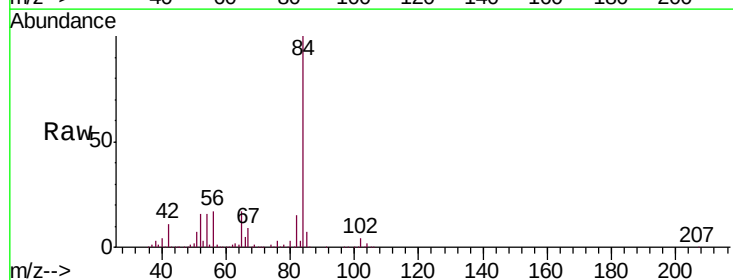
Instrument :
MSVOA_V
ClientSampleId :
A51C5

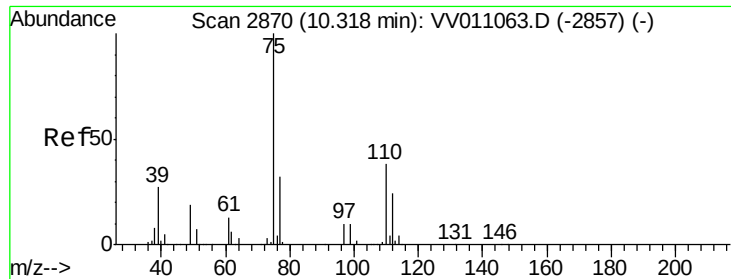
Tgt Ion: 83 Resp: 22577
Ion Ratio Lower Upper
83 100
85 75.2 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.535 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV011078.D
Acq: 28 May 2019 22:12

Tgt Ion: 62 Resp: 3974
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.0





#59

1,2,3-Trichloropropane

Concen: 4.109 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011078.D

Acq: 28 May 2019 22:12

Instrument :

MSVOA_V

ClientSampleId :

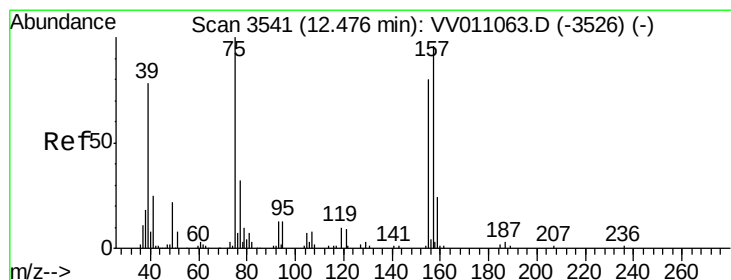
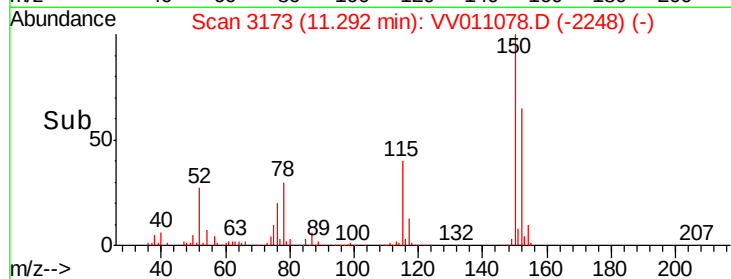
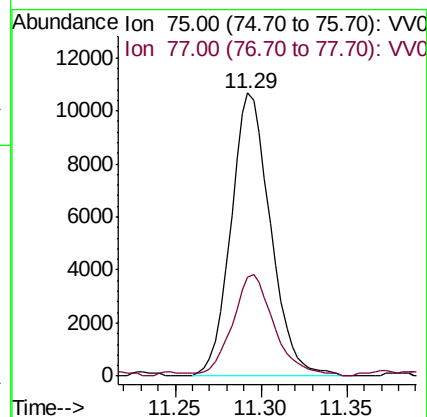
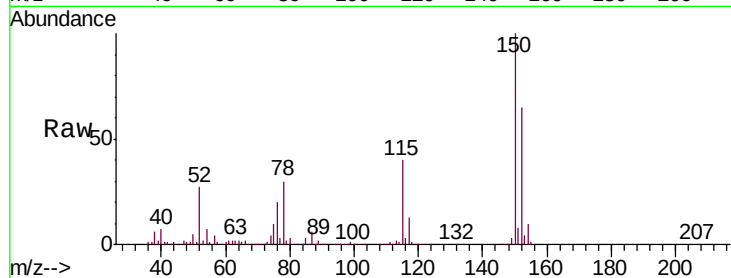
A51C5

Tgt Ion: 75 Resp: 17152

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.0



#66

1,2-Dibromo-3-chloropropane

Concen: 1.356 ug/L

RT: 12.30 min Scan# 3485

Delta R.T. -0.18 min

Lab File: VV011078.D

Acq: 28 May 2019 22:12

Tgt Ion: 75 Resp: 1006

Ion Ratio Lower Upper

75 100

157 0.0 76.7 115.1#

155 0.0 61.8 92.8#

